

REG-L1 License Plate Cameras

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Invented for life



- ▶ High speed capture to 160 km/h (100 mph)
- ▶ 24/7 Capture in day and dark conditions
- ▶ Advanced Ambient Rejection Technology
- ▶ Energy efficient operation at 12 to 24 VAC/VDC
- ▶ Compact housing, installer friendly design

REG-L1 integrates advances in optics, electronics, IR illumination and Ambient Rejection Technology to deliver consistent, reliable number plate capture in the most challenging of conditions

With an operational range of up to 25 m (80 ft) depending on number plate size, the REG-L1 delivers high contrast number plate images across the complete spectrum of ambient lighting conditions, from total darkness to direct glare from sunlight and vehicle headlights. The camera can capture clear plate images from vehicles moving at speeds of up to 160 km/h (100 mph) enabling effective capture on motorways, highways and in other high speed applications.

The unit housing is weather-sealed and field proven for successful application in extreme environments. REG-L1's LED array eliminates the need for routine bulb changes. An improved electronic design allows for energy efficient operation at 12 to 24 VAC/VDC

REG-L1 is designed to work with NVRs or with DVRs. It is specifically designed to work with third party ANPR software.

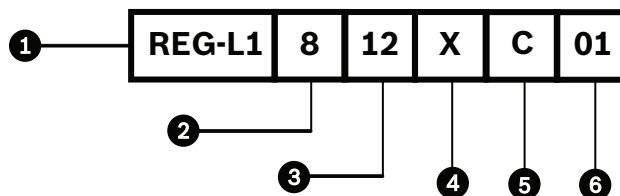
Functions

Applications

- ANPR
- Traffic monitoring
- Border control
- Access control
- Car parking
- Policing
- Post event investigation
- 12 V to 24 VAC/VDC operation

Installation/Configuration Notes

Ordering chart



1.	Model	REG-L1	
2.	Wavelength	8	850 nm

3.	Lens	12	8 mm
		16	12 mm
		25	16 mm
		35	25 mm
		50	35 mm
		75	50 mm
4.	Camera Type	X	Standard
5.	Region	C	CCIR
		E	EIA
6.	Color	01	Black

Technical Specifications

Operational Range	Up to 30 m (100 ft) or 25 m (80 ft) depending on number plate size
Camera Sensors	1/3-inch CCD
Resolution	520 TVL
IR Illumination	LED array, 850 nm
Life	Greater than 5 years
Input	12 to 24 VAC/VDC
Consumption	30 W
Temperature Range	-50 °C to +50 °C (-58 °F to +122 °F)
Construction	Robust, weather sealed aluminum casting and extrusion
Environmental	Sunshield
Dimensions	250 x 154 x 165 mm (9.8 x 6.1 x 6.5 in)
Weight	2.8 kg (6.2 lb)
Color	Supplied in black(RAL B401)

Camera Selection Tables

Range for 12 x 6 in (305 x 152 mm) number plates (common in North America)

Model	Range	Optimal Distance
REG-L1-816	4 to 7 m (12 to 22 ft)	5 m (16 ft)
REG-L1-825	6 to 10 m (20 to 34 ft)	8 m (25 ft)
REG-L1-835	8 to 15 m (27 to 48 ft)	11 m (35 ft)
REG-L1-850	12 to 21 m (40 to 68 ft)	15 m (50 ft)
REG-L1-875	17 to 24 m (55 to 80 ft)	23 m (75 ft)

Range for 520 x 111 mm (20.5 x 4.4 in) number plates (common in Europe)

Model	Range	Optimal Distance
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REG-L1-812	3 to 6 m (10 to 20 ft)	5 m (16 ft)
REG-L1-816	5 to 8 m (16 to 26 ft)	7 m (23 ft)
REG-L1-825	7 to 12 m (23 to 40 ft)	10 m (33 ft)
REG-L1-835	11 to 18 m (34 to 60 ft)	15 m (50 ft)
REG-L1-850	17 to 25 m (56 to 82 ft)	22 m (72 ft)

Ordering Information

REG-L1-812XC-01 License Plate Camera

License Plate Reader with LED, 8 mm lens, SX8 camera, CCIR, 3 to 6 m (10 to 20 ft), psu separate
Order number **REG-L1-812XC-01**

REG-L1-816XE-01 License Plate Camera

License plate reader with LED, 12 mm lens, SX8 camera, EIA, 12 to 22 ft, psu separate
Order number **REG-L1-816XE-01**

REG-L1-816XC-01 License Plate Camera

License plate reader with LED, 12 mm lens, SX8 camera, CCIR, 5 to 8 m (16 to 26 ft), psu separate
Order number **REG-L1-816XC-01**

REG-L1-825XE-01 License Plate Camera

License plate reader with LED, 16 mm lens, SX8 camera, EIA, 20 to 34 ft, psu separate
Order number **REG-L1-825XE-01**

REG-L1-825XC-01 License Plate Camera

License plate reader with LED, 16 mm lens, SX8 camera, CCIR, 7 to 12 m (23 to 40 ft), psu separate
Order number **REG-L1-825XC-01**

REG-L1-835XE-01 License Plate Camera

License plate reader with LED, 25 mm lens, SX8 camera, EIA, 27 to 48 ft, psu separate
Order number **REG-L1-835XE-01**

REG-L1-835XC-01 License Plate Camera

License plate reader with LED, 25 mm lens, SX8 camera, CCIR, 11 to 18 m (34 to 60 ft), psu separate
Order number **REG-L1-835XC-01**

REG-L1-850XE-01 License Plate Camera

License plate reader with LED, 35 mm lens, SX8 camera, EIA, 40 to 68 ft, psu separate
Order number **REG-L1-850XE-01**

REG-L1-850XC-01 License Plate Camera

License plate reader with LED, 35 mm lens, SX8 camera, CCIR, 17 to 25 m (56 to 82 ft), psu separate
Order number **REG-L1-850XC-01**

REG-L1-875XE-01 License Plate Camera

License plate reader with LED, 75 mm lens, SX8 camera, EIA, 55 to 80 ft, psu separate
Order number **REG-L1-875XE-01**

REG-L1-875XC-01 License Plate Camera

License plate reader with LED, 75 mm lens, SX8 camera, CCIR, 21 to 30 m (70 to 100 ft), psu separate
Order number **REG-L1-875XC-01**

Accessories**EXPS.009 VAC Power Supply**

Power supply 24 VAC, 2500 mA RoHS
Order number **EXPS.009**

EXMB.017B Wall Mount Adapter Bracket

Wall Mount Adapter, Black
Order number **EXMB.017B**

EXMB.028B Cable Managed Wall Bracket

Cable-managed arm bracket, black
Order number **EXMB.028B**

EXMB.015B Pole Mount Adapter Bracket

Pole Mount Adapter, black
Order number **EXMB.015B**

EXMB.061 Pole Top Bracket

Stainless Pole Top Bracket
Order number **EXMB.061**

EXMB.029B Ceiling Mount Bracket

Ceiling Mount Bracket, Black
Order number **EXMB.029B**

UPA-2450-60 Power Supply, 120 V, 60 Hz

Indoor, 120 VAC, 60 Hz In; 24 VAC, 50 VA Out
Order number **UPA-2450-60**

UPA-2450-50 Power Supply, 220 V, 50 Hz

Indoor, 220 VAC, 50 Hz In; 24 VAC, 50 VA Out
Order number **UPA-2450-50**

MBE-28B Black Bracket Arm Mount

Black mounting bracket for use with the REG-D1 or the REG-L1 License Plate Camera
Order number **MBE-28B**

MBE-15B Black Pole Mount Adapter Plate

Black adapter plate used to attach an MBE-27 or MBE-28 along with an EXMB.020B Heavy Duty L Bracket to a pole.
Order number **MBE-15B**

MBE-17B Black Wall Mount Adapter Plate

Black adapter plate used to attach an MBE-27 or MBE-28 along with an EXMB.020B Heavy Duty L Bracket to a wall.
Order number **MBE-17B**

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